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RESIN-SEALED SEMICONDUCTOR DEVICE

NEC CORP

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Abstract:

PURPOSE: To improve the adherence of a resin sealed semiconductor device by forming a hole at a position isolated from the mounting part of a semiconductor element on a heat dissipating plate, covering and filling sealing resin at the hole part.

CONSTITUTION: Holes 6 are formed at four positions sufficiently isolated from the mounting part of a semiconductor element 2 on a heat dissipating plate 1, are covered with resin 4, and the resin is also filled in the hole 6. Since the resin is buried even in the holes 6, its adherence is not decreased even at high temperature, and introduction of moisture can be sufficiently prevented.

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